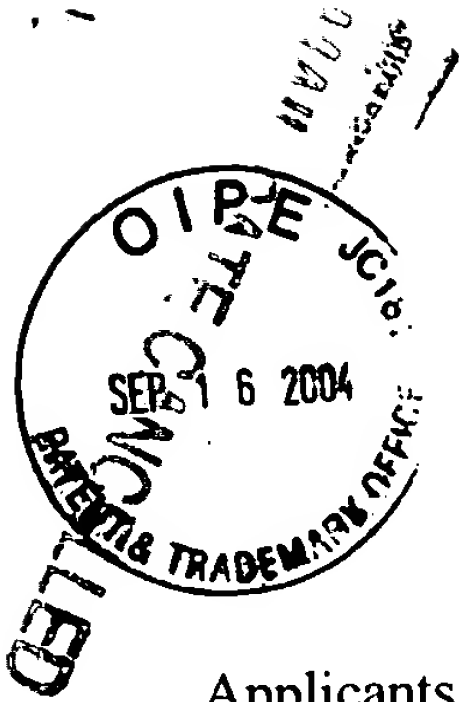


09-17-04

1637
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EXPRESS MAIL NO. EV449562625US

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Robert A. Henderson et al.
Application No. : 09/902,941
Filed : July 10, 2001
For : COMPOSITIONS AND METHODS FOR THE THERAPY AND
DIAGNOSIS OF LUNG CANCER

Examiner : Young J. Kim
Art Unit : 1637
Docket No. : 210121.478C17
Date : September 15, 2004

~~09/17/2004 HGUTEMA1 00000020 09902941~~

~~01 FC:1806 180.00 OP~~

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

09/17/2004 HGUTEMA1 00000022 09902941

01 FC:1806 180.00 OP

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached Form PTO-1449 (copies of the cited references are enclosed). As to any reference supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

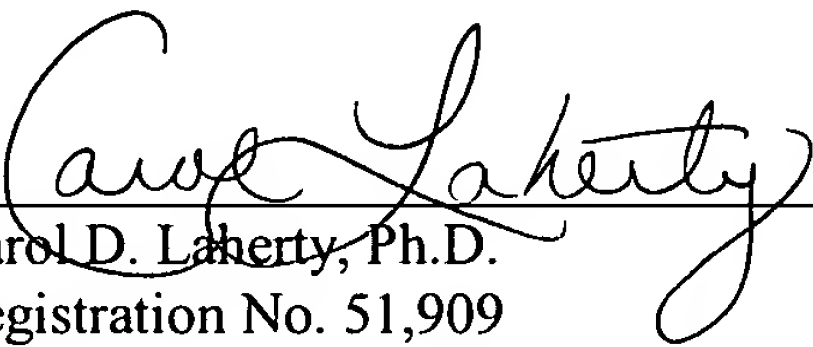
Please acknowledge receipt of this Fourth Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

~~09/17/2004 HGUTEMA1 00000019 191090 09902941~~

~~01 FC:1806 180.00 DR~~

A fee of \$180 is submitted in accordance with 37 CFR 1.97(c). The Director is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 19-1090.

Respectfully submitted,
Seed Intellectual Property Law Group PLLC



Carol D. Lahterty, Ph.D.
Registration No. 51,909

CDL:ljt

Enclosures:

Postcard
Check for \$180
Transmittal Form
Fee Transmittal Form (+ Copy)
Form PTO-1449
Cited References (11)

701 Fifth Avenue, Suite 6300
Seattle, Washington 98104-7092
Phone: (206) 622-4900
Fax: (206) 682-6031

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EXPRESS MAIL NO. EV449562625US
SEP 16 2004
PATENT & TRADEMARK OFFICE
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SEP 15 2004
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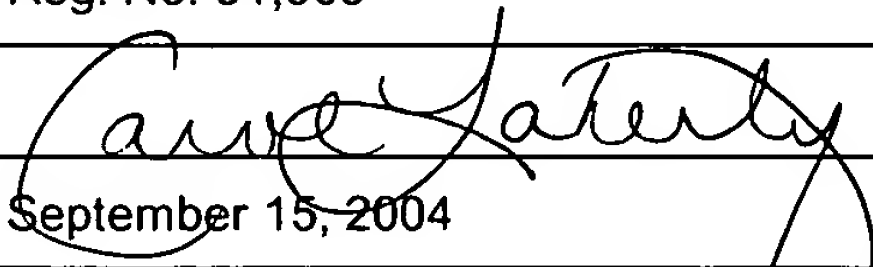
TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

RECEIVED

Application Number	09/902,941
Filing Date	July 10, 2001
First Named Inventor	Robert A. Henderson
Art Unit	1637
Examiner Name	Young J. Kim
Attorney Docket No.	210121.478C17

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Fourth Supplemental Information Disclosure Statement; Form PTO-1449 <input checked="" type="checkbox"/> 11 Cited References <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Declaration <input type="checkbox"/> Statement under 37 CFR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund	<input type="checkbox"/> CD(s), Number of CD(s) _____ <input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Additional Enclosure(s) (please identify below): _____ _____ _____
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Individual Name	Carol D. Laherty, Ph.D. Reg. No. 51,909	Customer Number 00500
Signature		
Date	September 15, 2004	

CERTIFICATE OF TRANSMISSION/MAILING
VIA EXPRESS MAIL

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

1515599

FEE TRANSMITTAL

for FY 2004

SEP 15 2004

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known	
Application Number	09/902,941
Filing Date	July 10, 2001
First Named Inventor	Robert A. Henderson
Examiner Name	Young J. Kim
Art Unit	1637
Attorney Docket No.	210121.478C17

METHOD OF PAYMENT

☒ Payment Enclosed:
☒ Check ☐ Credit card ☐ Money Order ☐ Other

☐ Deposit Account:

Deposit
Account
Number

19-1090

Deposit
Account
NameSeed Intellectual Property Law Group
PLLC

The Director is authorized to (check all that apply)

- ☐ Charge fee(s) indicated below ☒ Credit any overpayments.
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any deficiencies

to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee(\$)	Fee Code	Fee(\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims			
Independent Claims			
Multiple Dependent			

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2520	1812	2520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1480	2254	740	Extension for reply within fourth month	
1255	2010	2255	1005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1510	1451	1510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1330	2453	665	Petition to revive - unintentional	
1501	1330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180.00)

SUBMITTED BY

Name
(Print/Type)

Carol D. Laherty, Ph.D.

Registration No.
Attorney/Agent)

51,909

Signature

Date

September 15, 2004

Customer Number

00500

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

FORM PTO 1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

210121.478C17

APPLICATION NO.

09/902,941

APPLICANTS

Robert A. Henderson et al.

FILING DATE

July 10, 2001

GROUP ART UNIT

1637

FOURTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	6,146,877	11/14/00	Fisher	435	252.3	
AB	2002/0102604	08/01/02	Milne-Edwards et al.	435	7.1	
AC	2002/0172952	11/21/02	Henderson et al.	435	6	
AD						
AE						
AF						
AG						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AH	EP 1026242 A1	08/09/00	EPO		
	AI	WO 97/49417	12/31/97	WIPO		
	AJ					
	AK					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AL	Anderson, L. et al., "A comparison of selected mRNA and protein abundances in human liver," <i>Electrophoresis</i> 18: 533-537, 1997.
	AM	GenBank Database, Accession No. B38797, October 18, 1997.
	AN	Genseq Database (Thomson-Derwent), Accession No. AAW31603, May 11, 1998.
	AO	Gygi, S.P. et al., "Correlation between Protein and mRNA Abundance in Yeast," <i>Molecular and Cellular Biology</i> 19(3): 1720-1730, March 1999.
	AP	PIR Database, Accession No. A32645, June 22, 1999.
	AQ	Yee, C. et al., "Isolation of Tyrosinase-Specific CD8 ⁺ and CD4 ⁺ T Cell Clones from the Peripheral Blood of Melanoma Patients Following In Vitro Stimulation with Recombinant Vaccinia Virus," <i>The Journal of Immunology</i> 157: 4079-4086, 1996.

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).